

COPY

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>7</sup> : A61K 39/00, 39/395, 38/00, C07K 5/00, 5/08		A1	(11) International Publication Number: WO 00/66155 (43) International Publication Date: 9 November 2000 (09.11.00)
(21) International Application Number: PCT/US00/11734 (22) International Filing Date: 28 April 2000 (28.04.00) (30) Priority Data: 60/131,730 30 April 1999 (30.04.99) US (63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application US 60/131,730 (CIP) Filed on 30 April 1999 (30.04.99) (71) Applicant (for all designated States except US): LA JOLLA INSTITUTE FOR ALLERGY AND IMMUNOLOGY [US/US]; 10355 Science Center Drive, San Diego, CA 92121 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): SARAWAR, Sally, R. [GB/US]; 5971 Seacrest View Road, San Diego, CA 92121 (US). SCHOENBERGER, Stephen, Philip [US/US]; 259 Coneflower Street, Encinitas, CA 92024 (US).		(74) Agent: WETHERELL, John, R., Jr.; Fish & Richardson P.C., Suite 500, 4350 La Jolla Village Drive, San Diego, CA 92121 (US). (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  Published With international search report.	
(54) Title: METHODS FOR PREVENTING REACTIVATION OF LATENT VIRUS AND CONTROLLING VIRUS REPLICATION			
(57) Abstract  The invention provides methods for preventing latent virus reactivation or controlling virus replication in an individual. The invention provides a method for modulating CD4 T cell function by administration of antibodies to CD-40. Such modulation allows for the replacement or supplementation of CD4-T cell function, especially to ameliorate infectious disease.			